

## Listbox.aspx

```
<%@ Page Language="VB" AutoEventWireup="true" CodeFile="listbox.aspx.vb"
Inherits="listbox" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">
```

```
<title>Programming Languages Info</title>
```

```
<style>
```

```
body{
```

```
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
    background-color: #f0f4f8;
```

```
    margin: 0;
```

```
    padding: 40px;
```

```
    text-align: center;
```

```
}
```

```
.container {
```

```
    background-color: white;
```

```
    padding: 30px;
```

```
    margin: auto;
```

```
    width: 400px;
```

```
    border-radius: 10px;
```

```
    box-shadow: 0 4px 10px rgba(0,0,0,0.1);
```

```
}
```

```
h2 {  
    color: #333;  
}
```

```
select, .aspNet-ListBox {  
    font-size: 16px;  
    padding: 8px;  
    width: 100%;  
    margin-bottom: 20px;  
}
```

```
.aspNet-Label {  
    font-size: 16px;  
    color: #0056b3;  
    display: block;  
    margin-top: 20px;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<form id="form1" runat="server">
```

```
<div class="container">
```

```
<h2>Select a Programming Language</h2>
```

```
<asp:ListBox ID="ListBoxLanguages" runat="server" AutoPostBack="True"
```

```
    OnSelectedIndexChanged="ListBoxLanguages_SelectedIndexChanged"
```

```
    CssClass="aspNet-ListBox" Rows="9">
```

```

        <asp:ListItem>Java</asp:ListItem>
        <asp:ListItem>JavaScript</asp:ListItem>
        <asp:ListItem>C#</asp:ListItem>
        <asp:ListItem>C</asp:ListItem>
        <asp:ListItem>PYTHON</asp:ListItem>
        <asp:ListItem>SQL</asp:ListItem>
        <asp:ListItem>HTML</asp:ListItem>
        <asp:ListItem>Css</asp:ListItem>
        <asp:ListItem>php</asp:ListItem>
    </asp:ListBox>

    <asp:Label ID="LabelIntro" runat="server" CssClass="aspNet-Label" Font-
Bold="True"></asp:Label>

</div>

</form>

</body>

</html>

```

## Listbox.aspx.vb

Partial Class listbox

Inherits System.Web.UI.Page

Protected Sub ListBoxLanguages\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ListBoxLanguages.SelectedIndexChanged

Dim selectedLang As String = ListBoxLanguages.SelectedItem.Text

```

Dim languageInfo As New Dictionary(Of String, String) From {
    {"Java", "Java is a high-level, general-purpose, object-oriented programming
language."},
    {"JavaScript", "JavaScript is used in Web Application"},

```

```

{"C#", "C# is a high-level programming language developed by Microsoft."},
{"C", "C is a general-purpose procedural programming language."},
{"PYTHON", "Python is known for its simplicity and readability."},
{"SQL", "SQL is used to manage and query data in relational databases."},
{"HTML", "HTML is the language used to create webpages."},
{"Css", "CSS is used to style HTML documents."},
{"php", "PHP is a server-side scripting language mainly used for web development."}
}

```

```

If languageInfo.ContainsKey(selectedLang) Then
    LabelIntro.Text = languageInfo(selectedLang)
Else
    LabelIntro.Text = "No information available."
End If
End Sub
End Class

```

## DynamicTable.aspx

```

<%@ Page Language="VB" AutoEventWireup="true" CodeFile="DynamicTable.aspx.vb"
Inherits="DynamicTable" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">

```

```

<head runat="server">

```

```

    <title>Dynamic Table Generator</title>

```

```

    <style type="text/css">

```

```
body{  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    background-color: #f9faff;  
    padding: 40px;  
    display: flex;  
    justify-content: center;  
}
```

```
.container {  
    background: white;  
    padding: 30px 40px;  
    border-radius: 12px;  
    box-shadow: 0 6px 15px rgba(0, 0, 0, 0.1);  
    width: 460px;  
}
```

```
.controls {  
    margin-bottom: 30px;  
    display: flex;  
    flex-direction: column;  
    gap: 15px;  
}
```

```
.control-group {  
    display: flex;  
    align-items: center;
```

```
    gap: 10px;
}
```

```
label {
    font-weight: 600;
    color: #333;
    min-width: 130px;
}
```

```
select {
    padding: 7px 12px;
    border-radius: 6px;
    border: 1.8px solid #ccc;
    font-size: 15px;
    transition: border-color 0.3s ease;
    cursor: pointer;
    min-width: 70px;
}
```

```
select:hover, select:focus {
    border-color: #007bff;
    outline: none;
}
```

```
input[type="submit"], button, asp\:Button {
    background-color: #007bff;
    border: none;
```

```
padding: 10px 25px;
font-size: 16px;
color: white;
border-radius: 8px;
cursor: pointer;
transition: background-color 0.3s ease;
align-self: flex-start;
}
input[type="submit"]:hover, button:hover, asp\:Button:hover {
    background-color: #0056b3;
}
```

```
table.table-style {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
    border-radius: 10px;
    overflow: hidden;
    box-shadow: 0 4px 8px rgba(0,0,0,0.15);
}
```

```
table.table-style td {
    padding: 12px 16px;
    border: 1px solid #ddd;
    text-align: center;
    font-size: 16px;
    color: #444;
```

```

    }

    table.table-style tr:last-child td {

        background-color: #f3f3f3;

        font-weight: 700;

        color: #555;

    }

</style>
</head>
<body>

    <form id="form1" runat="server">

        <div class="container">

            <div class="controls">

                <div class="control-group">

                    <label for="ddlRows">Number of Rows:</label>

                    <asp:DropDownList ID="ddlRows" runat="server" CssClass="ddl"
AutoPostBack="false">

                        <asp:ListItem Text="1" Value="1"></asp:ListItem>

                        <asp:ListItem Text="2" Value="2"></asp:ListItem>

                        <asp:ListItem Text="3" Value="3"></asp:ListItem>

                        <asp:ListItem Text="4" Value="4"></asp:ListItem>

                        <asp:ListItem Text="5" Value="5"></asp:ListItem>

                    </asp:DropDownList>

                </div>

                <div class="control-group">

                    <label for="ddlColumns">Number of Columns:</label>

```

```
<asp:DropDownList ID="ddlColumns" runat="server" CssClass="ddl"
AutoPostBack="false">
```

```
<asp:ListItem Text="1" Value="1"></asp:ListItem>
```

```
<asp:ListItem Text="2" Value="2"></asp:ListItem>
```

```
<asp:ListItem Text="3" Value="3"></asp:ListItem>
```

```
<asp:ListItem Text="4" Value="4"></asp:ListItem>
```

```
<asp:ListItem Text="5" Value="5"></asp:ListItem>
```

```
</asp:DropDownList>
```

```
</div>
```

```
<asp:Button ID="btnGenerate" runat="server" Text="Generate Table"
OnClick="btnGenerate_Click" />
```

```
</div>
```

```
<div id="tableContainer" runat="server"></div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

## DynamicTable.aspx.vb

Partial Class DynamicTable

Inherits System.Web.UI.Page

Protected Sub btnGenerate\_Click(sender As Object, e As EventArgs) Handles  
btnGenerate.Click

```
Dim rows As Integer = Integer.Parse(ddlRows.SelectedValue)
```

```
Dim columns As Integer = Integer.Parse(ddlColumns.SelectedValue)
```

```
tableContainer.Controls.Clear()
```

```
If rows > 0 AndAlso columns > 0 Then
```

```
    Dim table As New Table()
```

```
    table.CssClass = "table-style"
```

```
    For i As Integer = 1 To rows
```

```
        Dim tr As New TableRow()
```

```
        If i = rows Then
```

```
            tr.CssClass = "last-row"
```

```
        End If
```

```
        For j As Integer = 1 To columns
```

```
            Dim td As New TableCell()
```

```
            If j = 1 Then
```

```
                Dim ddlLanguage As New DropDownList()
```

```
                ddlLanguage.Items.Add(New ListItem("Urdu", "urdu"))
```

```
                ddlLanguage.Items.Add(New ListItem("English", "english"))
```

```
                ddlLanguage.Items.Add(New ListItem("Arabic", "arabic"))
```

```
                ddlLanguage.Items.Add(New ListItem("Chinese", "chinese"))
```

```
                td.Controls.Add(ddlLanguage)
```

```
            Elseif i = rows Then
```

```
                Dim radioName As String = "radio-" & j.ToString()
```

```
For k As Integer = 1 To 4

    Dim radio As New RadioButton()

    radio.Text = k.ToString()

    radio.GroupName = radioName

    td.Controls.Add(radio)

    td.Controls.Add(New LiteralControl(" "))

Next

Else

    td.Text = "{" & i.ToString() & ", " & j.ToString() & "}"

End If

tr.Cells.Add(td)

Next

table.Rows.Add(tr)

Next

tableContainer.Controls.Add(table)

End If

End Sub

End Class
```